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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

DADA, BEEMNET W

ART UNIT	PAPER NUMBER
2135	

DATE MAILED: 01/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/812,047

Applicant(s)

PARRY, TRAVIS J.

Examiner

Beemnet W Dada

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11, 13-15 and 18-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11, 13-15, 18-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This office action is in reply to an amendment filed on September 7, 2004. Claims 11, 14, and 18 have been amended and claims 12, 16-17 have been cancelled. Claims 1-11, 13-15 and 18-20 are pending.

Response to Arguments

2. Applicant's arguments filed on September 7, 2004 have been fully considered but they are not persuasive. Applicant argues that Kurachi does not teach transmitting data from a first peripheral device to a second peripheral device. Furthermore, Applicant has used the term "peripheral device" in according with its common and ordinary meaning. That is, a peripheral device is a device other than a host computer that is able to print, print jobs. Examiner respectfully disagrees.

Examiner has used the term "peripheral device" according to the definition of IEEE 100 The Authoritative Dictionary of IEEE Standards Terms 7th Edition. The Dictionary Defines Peripheral Device as "(1) *a device, attached to a host via a communication link. (2) Pertaining to a device that operates in combination or conjunction with the computer but is not physically part of the computer and is not essential to the basic operation of the system: for example, printers, keyboards, graphic digital converters, disks, and tape drives. Note: such devices are often referred to as 'peripherals' or 'peripheral equipment.'* " Accordingly, Kurachi teaches a print management system, including encrypting print jobs at a **printing apparatus** (peripheral device) [see column 4, lines 51-55 and column 6, lines 13-21]. Kurachi further teaches transmitting the encrypted print jobs from the printing apparatus to a client apparatus [column 4,

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lines 55-58 and column 6, lines 17-20], wherein the printing apparatus transmits data through Network connection section (peripheral device) [column 8, lines 1-5, figure 2B, unit 17], and client apparatus receives data through Network connection section (peripheral device) [column 7, lines 35-40, figure 2A, unit 12]. The examiner asserts that Kurachi teaches the claimed limitations as recited in the claims. Accordingly the rejection is respectfully maintained.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-5, 7-11, 13-15, 18 and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Kurachi (US Patent No. 6,181,436 B1).

5. As per claim 1, Kurachi teaches a method for sending a print job to a pre-selected recipient comprising:

encoding a data stream received in a first peripheral device [column 4, lines 54-61 and column 14, lines 37-55]; and

transmitting said encoded data stream from said first peripheral device to a second peripheral device [column 4, lines 54-62 and column 15, lines 60-67].

6. As per claim 7, Kurachi teaches a method for transporting print jobs comprising:
 - initiating a print job on a host computer (a client computer to a network printer, see figure 1) [column 4, lines 15-17];
 - encrypting said print job [column 4, lines 54-61 and column 14, lines 37-55]; and
 - transmitting said encrypted print job from a first peripheral device to a second peripheral device [column 4, lines 54-62 and column 15, lines 60-67].

7. As per claim 11, Kurachi teaches a method for providing a secure print job comprising:
 - initiating a print job on a host computer [column 4, lines 15-17, figure 1];
 - transmitting said print job to a first peripheral device [column 4, lines 54-61];
 - encrypting said print job at the first peripheral device [column 4, lines 54-61 and column 14, lines 37-55, column 6, lines 13-21]; and
 - transmitting said encrypted print job from said first peripheral device to a second peripheral device [column 4, lines 55-58 and column 6, lines 17-20].

8. As per claim 14, Kurachi teaches a printing system comprising:
 - a first peripheral device comprising (printing apparatus, figure 9, unit 303):
 - a processor for receiving a data stream through a network [figure 9, unit 303 and column 14, lines 11-25];
 - an encryption module for converting said data stream from plain text to cipher text [figure 9, unit 203k and column 14, lines 33-38];
 - a sender module for transmitting said cipher text through said network to a pre-selected recipient [figure 9, unit 3h and column 4, lines 54-62 and column 15, lines 60-67] and

a second peripheral device operative to communicatively couple to the network and receive the cipher text from the first peripheral device column 4, lines 55-58 and column 6, lines 17-20, figure 2B, unit 17 and figure 2A, unit 12].

9. As per claims 2 and 15, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said data stream comprises text and graphics (print data and rough image meets the recitation) [column 7, lines 17-24]

10. As per claim 3, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said first peripheral device comprises a printer [figure 6, unit 3, and figure 7, unit 203].

11. As per claim 4, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said second peripheral device comprises a printer [figure 7, unit 201, 202, and figure 6, unit 9a, 9b].

12. As per claims 5 and 18, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said encoding a data stream comprises encryption said data stream using the pretty good privacy (PGP) technique (RSA system and DES method, see column 12-16 and column 16, lines 40-45).

13. As per claim 8, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said transmitting said encrypted print job comprises:

placing said encrypted print job into a sender module, and receiving an address for a recipient selected to receive said encrypted print job [column 17, lines 4-23].

14. As per claims 9 and 20, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said sender module is configured for converting said encrypted print job into a format useable by said sender module and attaching said encrypted print job to an electronic message for delivery to said recipient [column 4, lines 54-61, column 14, lines 37-55 and column 17, lines 4-23].

15. As per claim 10, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said first peripheral device and said second peripheral device are printers [figure 7, unit 201, 202, 203 and figure 6, units 3, 9a and 9b].

16. As per claim 13, Kurachi teaches the method as applied above. Furthermore, Kurachi teaches the method wherein said first peripheral device comprises a manual input device for receiving instructions related to operation of said first peripheral device, said method further comprising receiving an instruction to encrypt said print job, said instruction being input at said manual input device [column 15, lines 14-31].

Claim Rejections - 35 USC § 103

17. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and

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the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

18. Claims 6 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kurachi (US Patent No. 6,181,436 B1).

19. As per claims 6 and 19, Kurachi teaches the method/system as applied above. Kurachi fails to teach converting the cipher text into a PDF or TIFF file and transmit the file to a recipient. Official Notice is taken that converting data into a PDF or TIFF file and transmitting to a recipient is well known in the art. It would have been obvious to convert data in to PDF or TIFF file and transmit it to a recipient as these file formats represent document in a manner independent of the application software, hardware and operating system used to create it.

Conclusion

20. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Beemnet Dada

January 28, 2005


KIM VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 21